

# Comparisons of Job Characteristics

**Focus Occupation: Structural Iron and Steel Workers (47-2221)**

**Associated Occupation: Riggers (49-9096)**

[Compare Knowledge](#)

[Compare Skills](#)

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[Compare Detailed Work Activities](#)

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<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

## Knowledge

Similarity of Focus Occupation to Associated Occupation: 83

**Focus Occupation: Structural Iron and Steel Workers (47-2221)**

**Associated Occupation: Riggers (49-9096)**

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Mechanical	6.8	15.1	13.5	<	Expanded education and/or training may be required
Building and Construction	4.0	11.9	18.3	>>	Current knowledge level is likely more than sufficient
Design	5.2	10.7	11.2	0	Current knowledge level may be sufficient
Engineering and Technology	5.7	9.7	11.5	>	Current knowledge level is likely sufficient
Production and Processing	6.0	9.7	13.2	>>	Current knowledge level is likely more than sufficient
Transportation	4.6	9.7	5.8	<<	Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Skills

Similarity of Focus Occupation to Associated Occupation: 82

**Focus Occupation: Structural Iron and Steel Workers (47-2221)**

**Associated Occupation: Riggers (49-9096)**

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating		Evaluation of Focus Occupation
Operation and Control	5.4	8.7	10.8	>	Skill level is likely sufficient
Troubleshooting	4.5	6.7	5.9	<	A higher skill level may be required
Equipment Selection	3.3	6.6	6.1	0	Current skill level may be sufficient
Repairing	3.4	6.1	6.2	0	Current skill level may be sufficient
Equipment Maintenance	3.5	5.9	5.7	0	Current skill level may be sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 81			
Focus Occupation: Structural Iron and Steel Workers (47-2221) Associated Occupation: Riggers (49-9096)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Visualization	7.5	11.0	12.3	>	Current ability level is likely sufficient
Depth Perception	5.3	10.7	13.3	>	Current ability level is likely sufficient
Gross Body Equilibrium	3.2	8.1	13.0	>>	Current ability level is likely more than sufficient
Gross Body Coordination	3.9	7.5	10.0	>>	Current ability level is likely more than sufficient
Stamina	4.0	7.3	10.3	>>	Current ability level is likely more than sufficient
Glare Sensitivity	2.6	5.8	8.5	>>	Current ability level is likely more than sufficient
Spatial Orientation	2.7	5.8	5.5	0	Current ability level may be sufficient
Peripheral Vision	2.2	5.6	6.8	>	Current ability level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 87
Focus Occupation: Structural Iron and Steel Workers (47-2221) Associated Occupation: Riggers (49-9096)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Move or fit heavy objects	8	
Perform safety inspections in industrial, manufacturing or repair setting	32	
Position, align, or level machines, equipment, or structures	74	
Set up specialized rigging	82	
Signal directions or warnings to coworkers	42	
Use hand or power tools	2	
Use precision measuring tools or equipment	17	
Verify levelness or verticality, using level or plumb bob	72	

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.

## Tools and Technologies that Both Occupations Have in Common

Similarity of Focus  
Occupation to Associated  
Occupation: n/a

**Focus Occupation: Structural Iron and Steel Workers (47-2221)**

**Associated Occupation: Riggers (49-9096)**

Tools and Technologies	Exclusivity
Tools and technology data is unavailable for one or both occupations.	

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O\*NET (Occupation Information Network) data.